

OCT 02 2009



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/599,384	09/27/2006	Angel Palacios		7844

7590 08/03/2009  
Angel Palacios  
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Portal 4 Piso 4B  
Madrid, 28045  
SPAIN

EXAMINER

VU. BAID

ART UNIT	PAPER NUMBER
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2165

MAIL DATE	DELIVERY MODE
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08/03/2009

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

PTOL-90A (Rev. 04/07)

OCT 02 2009

**Notice of Non-Compliant  
Amendment (37 CFR 1.121)**

Application No.	Applicant(s)	
10/599,384	PALACIOS, ANGEL	
Examiner	Art Unit	
Bal D. Vu	2165	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

The amendment document filed on 13 April 2009 is considered non-compliant because it has failed to meet the requirements of 37 CFR 1.121 or 1.4. In order for the amendment document to be compliant, correction of the following item(s) is required.

**THE FOLLOWING MARKED (X) ITEM(S) CAUSE THE AMENDMENT DOCUMENT TO BE NON-COMPLIANT:**

- ☐ 1. Amendments to the specification:
  - ☐ A. Amended paragraph(s) do not include markings.
  - ☐ B. New paragraph(s) should not be underlined.
  - ☐ C. Other \_\_\_\_\_.
- ☐ 2. Abstract:
  - ☐ A. Not presented on a separate sheet. 37 CFR 1.72.
  - ☐ B. Other \_\_\_\_\_.
- ☐ 3. Amendments to the drawings:
  - ☐ A. The drawings are not properly identified in the top margin as "Replacement Sheet," "New Sheet," or "Annotated Sheet" as required by 37 CFR 1.121(d).
  - ☐ B. The practice of submitting proposed drawing correction has been eliminated. Replacement drawings showing amended figures, without markings, in compliance with 37 CFR 1.84 are required.
  - ☐ C. Other \_\_\_\_\_.
- ☒ 4. Amendments to the claims:
  - ☒ A. A complete listing of all of the claims is not present.
  - ☐ B. The listing of claims does not include the text of all pending claims (including withdrawn claims)
  - ☐ C. Each claim has not been provided with the proper status identifier, and as such, the individual status of each claim cannot be identified. Note: the status of every claim must be indicated after its claim number by using one of the following status identifiers: (Original), (Currently amended), (Canceled), (Previously presented), (New), (Not entered), (Withdrawn) and (Withdrawn-currently amended).
  - ☐ D. The claims of this amendment paper have not been presented in ascending numerical order.
  - ☒ E. Other: Claim 1 is incomplete as presented.
- ☐ 5. Other (e.g., the amendment is unsigned or not signed in accordance with 37 CFR 1.4):

For further explanation of the amendment format required by 37 CFR 1.121, see MPEP § 714.

**TIME PERIODS FOR FILING A REPLY TO THIS NOTICE:**

- Applicant is given no new time period if the non-compliant amendment is an after-final amendment or an amendment filed after allowance. If applicant wishes to resubmit the non-compliant after-final amendment with corrections, the entire corrected amendment must be resubmitted.
- Applicant is given one month, or thirty (30) days, whichever is longer, from the mail date of this notice to supply the correction, if the non-compliant amendment is one of the following: a preliminary amendment, a non-final amendment (including a submission for a request for continued examination (RCE) under 37 CFR 1.114), a supplemental amendment filed within a suspension period under 37 CFR 1.103(a) or (c), and an amendment filed in response to a Quayle action. If any of above boxes 1. to 4. are checked, the correction required is only the corrected section of the non-compliant amendment in compliance with 37 CFR 1.121.

**Extensions of time** are available under 37 CFR 1.136(a) only if the non-compliant amendment is a non-final amendment or an amendment filed in response to a Quayle action.

**Failure to timely respond** to this notice will result in:

- Abandonment of the application if the non-compliant amendment is a non-final amendment or an amendment filed in response to a Quayle action; or
- Non-entry of the amendment if the non-compliant amendment is a preliminary amendment or supplemental amendment.

/B. D. V./  
Examiner, Art Unit 2165

/Neveen Abel-Jalil/  
Supervisory Patent Examiner, Art Unit 2165

U.S. Patent and Trademark Office  
PTOL-324 (01-06)

Notice of Non-Compliant Amendment (37 CFR 1.121)

Part of Paper No. 20090730

Cont. of 4(E): Claim 1 is not completed in the listing of all of the claims in the amendment filed on 4/13/2009. A complete listing of all of the claims is required. See MPEP 714.

Applicant is given a shortened statutory period of ONE MONTH or THIRTY DAYS from the mailing date of this letter, whichever is longer, to submit a complete reply. This shortened statutory period supersedes the time period set in the prior Office action. This time period may be extended pursuant to 37 CFR 1.136(a). If a notice of appeal and the fee set forth in 37 CFR 1.17(e) were filed prior to or with the payment of the fee set forth in 37 CFR 1.17(r), the payment of the fee set forth in 37 CFR 1.17(r) by applicant is construed as a request to dismiss the appeal and to continue prosecution under 37 CFR 1.129(a). The appeal stands dismissed.

In addition credit card payment form did not have billing address. The faxed papers on 4/13/09 are blank. Resubmission is required.

**CLAIMS:** The following is a listing of all claims in the application with their status and the text of all active claims.

1. (CURRENTLY AMENDED) A computerized classification system, ~~[comprising the following means]~~ comprising:

- ~~[means for organizing entities that have different types,]~~
- a processor, for organizing entities that have different types,
- means for organizing some or all of said entities in a tree, with parent-child relationships, so that said entities correspond to the nodes of said tree, where it is not necessary that a graphical representation of said tree exists,
- means for managing, at least, category-entities and criterion-entities, and optionally also instance-entities,
- a memory, for storing the data associated to said entities,

wherein:

- said instance-entities ~~[might]~~ correspond to objects, concepts, events, characteristics, ideas or ~~[other entity type]~~ any type of object belonging to any realm of reality,
- the purpose of said category-entities is to create different classes to which said instance-entities can be assigned,
- the purpose of said criterion-entities is to create different classification criteria, after which different category-entities can be created,
- at least one of said criterion-entities is:
  - a. the child node of one of said category entities, or
  - b. the child node of another one of said criterion entities, or
  - c. the child node of one of said category entities and the child node of another one of said criterion entities,
- at least one of said criterion-entities does not belong to a group of criterion nodes associated to the feature of criteria replication.

~~wherein said system can be of different types, such as for example one of the following ones:~~

- ~~— an independent computerized system that comprises a screen and other means,~~
- ~~— a computerized system that might not have a screen but which comprises telecommunication means for the user of the invention to connect with said system, in a way that in order for said user to establish said connection, said user might use a second computerized system that might have a screen,~~

~~— a different type of system with different characteristics.~~

2. (CURRENTLY AMENDED) The [A] system as claimed in claim 1, further comprising means for showing an arboreal structure that represents said tree, ~~[wherein there might exist different ways to implement said arboreal structure, wherein it is possible that]~~ wherein all of the instance-entities, or only part of them, or none of them appear in said arboreal structure, ~~where it happens that:~~
  - i ~~the instance-entities that appear in said arboreal structure could be represented as belonging to all the category-entities to which they belong or only to some of them,~~
  - ii ~~in said arboreal structure, the criterion-entities and the category-entities could alternate, so that a criterion-entity could be the parent of a category-entity and vice-versa, and a criterion-entity can be parent of other criterion-entities,]~~and wherein in [such] said arboreal structure, the category-instances that are child nodes of criterion-instances can have the same level of indentation or a different level of indentation as said parent criterion-instances.
3. (CANCELED)
4. (CURRENTLY AMENDED) The [A] system as claimed in claim 2, further comprising means for emphasizing the criterion-entities with respect to the rest of entities in said structure, wherein said means ~~[could be for example]~~ comprises one or more of the following means: a special text, a special font type, or a special font format ~~[, or other means]~~.
5. (CANCELED)
6. (CANCELED)
7. (CANCELED)
8. (CURRENTLY AMENDED) The [A] system as claimed in claim 2, further comprising means for modifying said tree wherein said modifying comprises adding or removing entities.~~[such as for example for adding or removing entities without requiring to modify the number of controls that exist in the graphical interface in which said arboreal~~

~~structure is shown, so that the only modification that is necessary to make is to modify the set of nodes that exist in said arboreal structure.]~~

9. (CURRENTLY AMENDED) The [A] system as claimed in claim 2, ~~[further comprising means for categorizing instance-entities in such a way that the user adds an instance-entity in different positions of said arboreal structure and said system creates a classification for said instance-entity that reflects the category-entities that appear as parent node of said instance-entity.] further comprising:~~

- (a) means for adding at least one instance-entity as child node of one or more category-entities,
- (b) means for identifying said one or more category-entities,
- (c) means for creating a classification string that comprises the codes of said one or more category-entities,
- (d) means for assigning said classification string to said instance-entity.

10. (CANCELED)

11. (CURRENTLY AMENDED) The [A] system as claimed in claim 1, further comprising:

- (a) means for adding at least one instance-entities as child nodes of one or more category-entities,
- (b) means for identifying the criterion-entities that are complete, incomplete and neutral, for said instance entities,

so that the user can assess whether there exist too many selected category-entities or too few, in order to make a correct ~~[categorization]~~ classification of one or more instance-entities.

12. (CURRENTLY AMENDED) The [A] system as claimed in claim 1, further ~~[comprising means for performing searches on instance entities, so that the search strings are built after one or more category entities or instance entities that might have been selected.]~~  
comprising:

- (a) means for choosing one or more category entities
- (b) means for identifying the codes that are associated to said one or more category entities that have been chosen.
- (c) means for creating a search string which comprises said codes and optionally one or more boolean operators.

13. (CURRENTLY AMENDED) The [A] system as claimed in claim 1, further comprising:

(a) means for classifying instance-entities by using [certain] classification strings, wherein:

- said classification strings are character strings,
- said classification strings are characterized by being a concatenation of [the] a plurality of codes [assigned to said instance-entities], wherein said plurality of codes [can be of several types, such as for example] comprises one or more of the following types of codes:
  - ~ codes of one or more of the category-entities to which each instance-entity is assigned,
  - ~ codes of one or more of the criterion-entities [to which said category-entities belong] which are ancestor nodes to said category-entities,
  - ~ [other types of codes,]
- said classification strings comprise certain separating characters that allow to distinguish where each of the codes starts and ends, with the purpose of eliminating the ambiguity created by the same characters existing in different codes,

(b) [and wherein there exist] means for storing said classification strings in a database, [so that they can be] either stored in a single field or in several fields in a disaggregated fashion [- and wherein said database can be a relational database or other type of database].

14. (CURRENTLY AMENDED) The [A] system as claimed in ~~[claim 11]~~ claim 13, ~~[further comprising means for searching instance entities by using said classification strings, wherein said search is based on finding the instances in whose classification strings there exist certain sets of characters, for which said means can use mechanisms such as the~~

~~expression "LIKE" of SQL (Structured Query Language) or other similar mechanisms;~~  
further comprising:

- (a) means for creating a database query by adding operators of a database query language, wherein one of these operators can be the operator "LIKE" of SQL (Structured Query Language) and by adding codes of one or more category-entities.
- (b) means for executing a search over instance-entities by applying said database query to said field or fields of instance-entities which contain said classification strings.

15. (CURRENTLY AMENDED) A computerized method for classifying entities of different types, comprising the following steps:

- adding category-entities and criterion-entities to the classification and, optionally, also adding instance-entities, wherein
  - ~ said instance-entities ~~[might]~~ correspond to objects, concepts, events, characteristics, ideas or ~~[other entity type]~~ any type of object belonging to any realm of reality,
  - ~ the purpose of said category-entities is to create different classes to which said instance-entities can be assigned,
  - ~ the purpose of said criterion-entities is to create different classification criteria, after which different category-entities can be created,
- organizing some or all of said entities in a tree, with parent-child relationships, so that said entities correspond to the nodes of said tree, where it is not necessary that a graphical representation of said tree exists, and wherein:
  - i at least one of said criterion-entities is:
    - a. the child node of one of said category entities, or
    - b. the child node of another one of said criterion entities, or
    - c. the child node of one of said category entities and the child node of another one of said criterion entities.
  - ii at least one of said criterion-entities does not belong to a group of criterion nodes associated to the feature of criteria replication.

~~[wherein said method is based on a computerized system that can be of different types, such as for example one of the following ones:~~

- ~~i an independent computerized method that comprises a screen and other means,~~
- ~~ii a computerized method that might not have a screen but which comprises telecommunication means for the user of the invention to connect with said method, in~~



~~a way that in order for said user to establish said connection, said user might use a second computerized method that might have a screen;~~  
iii ~~a different type of method with different characteristics.]~~

16. (CURRENTLY AMENDED) The [A] method as claimed in claim 15, further comprising the step of showing an arboreal structure that represents said tree, ~~[wherein there might exist different ways to implement said arboreal structure,]~~ wherein it is possible that all of the instance-entities, or only part of them, or none of them, appear in said arboreal structure, ~~[and where it happens that:~~  
i ~~the instance entities that appear in said arboreal structure could be represented as belonging to all the category entities to which they belong or only to some of them,~~  
ii ~~in said arboreal structure, the criterion entities and the category entities could alternate, so that a criterion entity could be the parent of a category entity and vice versa, and a criterion entity can be parent of other criterion entities,]~~  
and wherein in ~~[such]~~ said arboreal structure, the category-instances that are child nodes of criterion-instances can have the same level of indentation or a different level of indentation as said parent criterion-instances.

17. (CANCELED)

18. (CANCELED)

19. (CANCELED)

20. (CANCELED)

21. (CANCELED)

22. (CURRENTLY AMENDED) The [A] method as claimed in claim 16, further comprising the step of modifying said tree, wherein said modifying comprises adding or removing entities.~~[such as for example for adding or removing entities without requiring to modify the number of controls that exist in the graphical interface in which said arboreal structure is shown, so that the only modification that is necessary to make is to modify the set of nodes that exist in said arboreal structure.]~~

23. (CURRENTLY AMENDED) The [A] method as claimed in claim 16, ~~[further comprising the step of categorizing instance-entities in such as way that the user adds an instance-entity in different positions of said arboreal structure and said system creates a classification for said instance-entity that reflects the category-entities that appear as parent node of said instance-entity.]~~ further comprising the steps of:

- (a) adding one or more instance-entities as child nodes of one or more category-entities,
- (b) identifying said one or more category-entities,
- (c) creating a classification string that comprises the codes of said one or more category-entities,
- (d) means for assigning said classification string to said instance-entity.

24. (CANCELED)

25. (CURRENTLY AMENDED) The [A] method as claimed in claim 15, further comprising the steps of:

- (a) adding at least one instance-entities as child nodes of one or more category-entities,
- (b) identifying the criterion-entities that are complete, incomplete and neutral, for said instance entities,

so that the user can assess whether there exist too many selected category-entities or too few, in order to make a correct categorization of one or more instance-entities.

~~[the step of categorizing instance-entities, where said step comprises the following substeps:~~

- ~~(a) said classification strings are character strings,~~
- ~~(b) automatically identifying the criterion-entities that are complete, incomplete and neutral, so that the user can assess whether there exist too many selected category-entities or too few.]~~

26. (CURRENTLY AMENDED) The [A] method as claimed in claim 15, further ~~[comprising the step of performing searches on instance entities, so that the search strings are built after one or more category entities or instance entities that might have been selected.]~~ comprising:

- (a) choosing one or more category entities
- (b) identifying the codes that are associated to said one or more category entities that have been chosen
- (c) creating a search string which comprises said codes and optionally one or more boolean operators.

27. (CURRENTLY AMENDED) The [A] method as claimed in claim 15, further comprising the [step] steps of:

- (a) classifying instance entities by using [certain] classification strings, wherein:
  - said classification strings are character strings,
  - said classification strings are characterized by being a concatenation of [the] a plurality of codes [assigned to said instance entities], wherein said plurality of [codes can be of several types, such as for example,] comprises one or more of the following types of codes:
    - ~ codes of one or more of the category entities to which each instance entity is assigned,
    - ~ codes of one or more of the criterion entities [to which said category entities belong] which are ancestor nodes to said category entities,
    - ~ [other types of codes,]
  - said classification strings comprise certain separating characters that allow to distinguish where each of the codes starts and ends, with the purpose of eliminating the ambiguity created by the same characters existing in different codes,
- (b) ~~[and wherein said classification strings might be stored]~~ storing said classification strings in a database, ~~[so that they can be stored]~~ either in a single field or in several fields in a disaggregated fashion ~~[, and wherein said database can be a relational database or other type of database].~~

28. (CURRENTLY AMENDED) The [A] method as claimed in claim 27, ~~[further comprising the step of searching instance entities by using said classification strings, wherein said search is based on finding the instances in whose classification strings there exist certain sets of characters, for which said means can use mechanisms such as the expression~~

~~“LIKE” of SQL (Structured Query Language) or other similar mechanisms] further comprising the steps of:~~

- ~~(a) creating a database query by adding operators of a database query language, wherein one of these operators can be the operator “LIKE” of SQL (Structured Query Language) and by adding codes of one or more category-entities,~~
- ~~(b) executing a search over instance-entities by applying said database query to said field or fields of instance-entities which contain said classification strings.~~

29. (CANCELED)

30. (CANCELED)

31. (CANCELED)

32. (CURRENTLY AMENDED) A computer program embedded in a computer readable storage medium that, when executed by one or more processors of a computer, allows said one of more processors to perform the method of claim 15. [following steps:

- ~~(a) creating a classification of entities,~~
- ~~(b) adding category-entities and criterion-entities to the classification and, optionally, also adding instance-entities, wherein
  - ~~i—said instance-entities might correspond to objects, concepts, events, characteristics, ideas or other entity type belonging to any realm of reality,~~
  - ~~ii—the purpose of said category-entities is to create different classes to which said instance-entities can be assigned,~~
  - ~~iii—the purpose of said criterion-entities is to create different classification criteria, after which different category-entities can be created,~~~~
- ~~(c) organizing some or all of said entities in a tree, with parent-child relationships, so that said entities correspond to the nodes of said tree, where it is not necessary that a graphical representation of said tree exists.]~~

33. (CURRENTLY AMENDED) A computer readable storage medium containing computer executable instructions that, when interpreted by one or more processors of a computer, allows said one of more processors to perform the method of claim 15. [the following steps:  
~~(a) creating a classification of entities,~~

- ~~(b) adding category entities and criterion entities to the classification and, optionally, also adding instance entities, wherein~~
- ~~i said instance entities might correspond to objects, concepts, events, characteristics, ideas or other entity type belonging to any realm of reality;~~
  - ~~ii the purpose of said category entities is to create different classes to which said instance entities can be assigned;~~
  - ~~iii the purpose of said criterion entities is to create different classification criteria, after which different category entities can be created;~~
- ~~(c) organizing some or all of said entities in a tree, with parent-child relationships, so that said entities correspond to the nodes of said tree, where it is not necessary that a graphical representation of said tree exists.]~~

34. (NEW) The system of claim 1 wherein at least one of said category entities is the child node of another one of said category entities.
35. (NEW) The method of claim 15 wherein at least one of said category entities is the child node of another one of said category entities.
36. (NEW) The method as claimed in claim 16, further comprising the step of emphasizing the criterion-entities with respect to the rest of entities in said structure, wherein said step comprises one or more of the following substeps: a special text, a special font type, or a special font format.

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# FAX

**To:** Art Unit 2165  
**From:** Angel Palacios  
**Date:** October 2nd, 2009  
**Fax Number:** +15712738300  
**Number of pages:** cover + 15

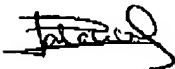
Sirs,

Please find attached Amendment and Forms for Application 10/599,384 in response to "Notice of Non-Compliant Amendment" mailed on 08/05/2009.

In particular, you can find:

- a copy of the Notice as was sent to me
- a complete set of claims, with corrections to the previous errors.
- Form PTO/SB22 (buying extension of time)
- Form PTO-2038 (credit card payment)

Yours sincerely



Angel Palacios

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PTO/SB/22 (07-09)

Approved for use through 07/31/2012. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)</b> <b>FY 2009</b> <i>(Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).)</i>		Docket Number (Optional)	
Application Number 10/599,384		Filed 09/27/2008	
For			
Art Unit 2165		Examiner Vu, Bai D.	
This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above identified application. The requested extension and fee are as follows (check time period desired and enter the appropriate fee below):			
	<u>Fee</u>	<u>Small Entity Fee</u>	
<input checked="" type="checkbox"/> One month (37 CFR 1.17(a)(1))	\$130	\$65	\$ 65
<input type="checkbox"/> Two months (37 CFR 1.17(a)(2))	\$490	\$245	\$
<input type="checkbox"/> Three months (37 CFR 1.17(a)(3))	\$1110	\$555	\$
<input type="checkbox"/> Four months (37 CFR 1.17(a)(4))	\$1730	\$865	\$
<input type="checkbox"/> Five months (37 CFR 1.17(a)(5))	\$2350	\$1175	\$
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.			
<input type="checkbox"/> A check in the amount of the fee is enclosed.			
<input checked="" type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.			
<input type="checkbox"/> The Director has already been authorized to charge fees in this application to a Deposit Account.			
<input type="checkbox"/> The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number _____.			
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.			
I am the <input checked="" type="checkbox"/> applicant/inventor.			
<input type="checkbox"/> assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed (Form PTO/SB/96).			
<input type="checkbox"/> attorney or agent of record. Registration Number _____			
<input type="checkbox"/> attorney or agent under 37 CFR 1.34. Registration number if acting under 37 CFR 1.34 _____			
_____ Signature		April 12th, 2009 Date	
Angel Palacios Typed or printed name		+34607575567 Telephone Number	
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.			
<input type="checkbox"/> Total of _____ forms are submitted.			

This collection of information is required by 37 CFR 1.136(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-0199 and select option 2.